

WEEE and Battery Directive Information



This sheet provides information on the presence of specific materials and components, as required to facilitate end-of-life treatment in compliance with the waste equipment (WEEE) and Battery Directive. The information covers conventional imaging equipment and 3D metal printers.

The I4R platform (<https://i4r-platform.eu/>) provides treatment and recycling facilities and preparation for re-use operators with access to WEEE recycling information in line with the requirements of Directive 2012/19/EU.

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| Producer | Xerox Corporation |
| Scope of Information Sheet | Imaging Equipment such as printers, copiers, multi-function devices and all accessories. |

| Component or Material | Remarks/Location |
|--|--|
| Polychlorinated biphenyls (PCB) containing capacitors in accordance with Council Directive 96/59/EC of 16 September 1996 on the disposal of polychlorinated biphenyls and polychlorinated terphenyls (PCB/PCT) | None |
| Mercury containing components, such as switches or backlighting lamps | None |
| Batteries | Internal batteries used in non-volatile memory to store machine defaults and set up parameters in Printed Circuit Boards / machine controllers (1) |
| Printed circuit boards of mobile phones generally, and of other devices if the surface of the printed circuit board is greater than 10 square centimetres | PCB's used in printer, copiers, and multifunction units |
| Toner cartridges, liquid and paste, as well as colour toner | Toner cartridges / containers |
| Plastic containing brominated flame retardants | Plastics near heat sources, e.g., Fuser Units may contain BFR's |
| Asbestos waste and components which contain asbestos | None |
| Cathode ray tubes | None |
| Gas discharge lamps | None |
| Chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC), hydrofluorocarbons (HFC) or hydrocarbons (HC) | None |
| Liquid crystal displays (together with their casing where appropriate) of a surface greater than 100 square centimetres and all those back-lighted with gas discharge lamps | Screens |

WEEE and Battery Directive Information (continued)

| Component or Material | Remarks/Location |
|---|------------------|
| External electric cables | Power cables |
| Components containing refractory ceramic fibres as described in Commission Directive 97/69/EC of 5 December 1997 adapting to technical progress for the 23rd time Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging, and labelling of dangerous substances | None |
| Components containing radioactive substances with the exception of components that are below the exemption thresholds set in Article 3 of and Annex I to Council Directive 96/29/Euratom of 13 May 1996 laying down basic safety standards for the protection of the health of workers and the general public against the dangers arising from ionizing radiation | None |
| Electrolyte capacitors containing substances of concern (height > 25 mm, diameter > 25 mm or proportionately similar volume) | None |

WEEE and Battery Directive Information (continued)

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|-----------------------------------|--|
| Producer | Xerox Corporation |
| Scope of Information Sheet | 3D Metal Printer using Xerox's Liquid Metal Jet technology |

| Component or Material | Remarks/Location |
|--|--|
| Polychlorinated biphenyls (PCB) containing capacitors in accordance with Council Directive 96/59/EC of 16 September 1996 on the disposal of polychlorinated biphenyls and polychlorinated terphenyls (PCB/PCT) | None |
| Mercury containing components, such as switches or backlighting lamps | None |
| Batteries | <ul style="list-style-type: none"> • Internal batteries used in non-volatile memory to store machine defaults and set up parameters in Printed Circuit Boards / machine controllers (1) • (1) Lithium battery on Siemens control board p/n NCU710.3B PN. 6FC5371-0AA30-0AB0. Battery P/N 6FC5247-0AA18-0AA0 (Siemens). 3V Lithium. 950mAh. Weight - 18g, Size – 15mm dia. x 26.4mm height • (1) Lithium battery on Siemens IPC. Battery P/N A5E34345932 (Siemens). BR-2450A/SCN 3V Lithium Button Cell. 500mAh. Weight -8g, Size – 25mm dia. x 5mm height |
| Printed circuit boards of mobile phones generally, and of other devices if the surface of the printed circuit board is greater than 10 square centimetres. | <p>PCB's are used in the following area of the ElemX 3D Printer</p> <ul style="list-style-type: none"> • Siemens SINUMERIK NC and SINAMICS Motor Contollers • Human Machine Interface 24" Multitouch Screen w/integrated PC • Coil Driver Assembly • Print Head Melt Pool Laser Level Sensor • Print Head Melt Pol Borescope Camera • Z-Height Laser Scan Sensors and network switch • Siemens X, Y, Z, W Motors |
| Toner cartridges, liquid and paste, as well as colour toner | None |
| Plastic containing brominated flame retardants | None |

WEEE and Battery Directive Information (continued)

| Component or Material | Remarks/Location |
|---|---|
| Asbestos waste and components which contain asbestos | None |
| Cathode ray tubes | None |
| Gas discharge lamps | None |
| Chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC), hydrofluorocarbons (HFC) or hydrocarbons (HC) | None |
| Liquid crystal displays (together with their casing where appropriate) of a surface greater than 100 square centimetres and all those back-lighted with gas discharge lamps | Qty. 1, Siemens 6AV7241-5SB07-0FA0 SIMATIC IPC 477E; 24" Multitouch Screen https://mall.industry.siemens.com/mall/en/si/Catalog/Product/6AV7241-5SB07-0FA0 |
| External electric cables | None |
| Components containing refractory ceramic fibres as described in Commission Directive 97/69/EC of 5 December 1997 adapting to technical progress for the 23rd time Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging, and labelling of dangerous substances | None |
| Components containing radioactive substances with the exception of components that are below the exemption thresholds set in Article 3 of and Annex I to Council Directive 96/29/Euratom of 13 May 1996 laying down basic safety standards for the protection of the health of workers and the general public against the dangers arising from ionizing radiation | None |
| Electrolyte capacitors containing substances of concern (height > 25 mm, diameter > 25 mm or proportionately similar volume) | Qty. 6, Nichicon #LQR2V822MSEG, Aluminum Electrolytic Capacitors - Screw Terminal, 350volts, 8200uF, 85c, 63.5x190 https://www.mouser.com/ProductDetail/Nichicon/LQR2V822MSEG/?qs=kArNe9LFxXnj4YnGI%252Bf1TA%3D%3D |

For more information contact: EHS-Europe@xerox.com

For product-specific Safety Data Sheets: http://www.xerox.com/environment_europe